

ATTACHMENT 5

STATUS OF CLOSURE UNITS AND SOLID WASTE MANAGEMENT UNITS

Solid Waste Management Unit	Recommended Action	Status of Corrective Action
<u>Reservoir</u>	Close pursuant to 1991 Closure Plan	Closed in 1995 as RWMA; closure approved by Executive Secretary in 1996; Regulated under Post Closure Permit
<u>Landfill Area</u> (Solid Waste Landfill)	Include in LWMA	Included in LWMA; Regulated under Post Closure Permit
<u>Landfill Area</u> (Hazardous Waste Landfill)	Closure by removal	Closed in 1995; closure approved by Executive Secretary in 1996
<u>Landfill Area</u> (Old Barrel Storage Area)	Include in LWMA	Included in LWMA; Regulated under Post Closure Permit
<u>Landfill Area</u> (Standing Water Surface)	Include in LWMA	Included in LWMA; Regulated under Post Closure Permit
<u>Oily Dump</u>	Include in LWMA	Included in LWMA; Regulated under Post Closure Permit
TEL Weathering Area	Closure by removal	Closed in 1995; closure approved by Executive Secretary in 1996
Landfarm Storage Area	Close in accordance with 1991 Closure Plan	Excavated and placed in Landfarm in 1996
Landfarm	Close in accordance with 1991 Closure Plan	Closure report submitted 2001; rejected 2001; re-submitted and approved 2003; Regulated under Post Closure Permit
<u>Alky Channel</u>	Include in LWMA	Included in LWMA; Regulated under Post Closure Permit
Spent Caustic Evaporation Site	No further action	Awaiting ruling on formal status
<u>Alky Site</u>	Include in LWMA	Included in LWMA
Northeast Landfill	No further action; improve drainage as required	Drainage plans complete (RFI Appendix K)
Leaded Tank Sludge Disposal Sites	No further action	Waste disposed off-site in 1983
Conveyance Ditches	No further action	Wastes disposed off-site in 1983
Standing Water Site	No further action; improve drainage as required	Drainage plans complete (RFI Appendix K)
<u>API Separator Sludge Pit</u>	Close pursuant to 1991 Closure Plan	Closed in 1995 as part of RWMA; closure approved by Executive Secretary in 1996; Regulated under Post Closure Permit
<u>Storm Surge Pond</u>	Close pursuant to 1991 Closure Plan	Closed in 1995 as part of RWMA; closure approved by Executive Secretary in 1996; Regulated under Post Closure Permit

ATTACHMENT 5 (Continued)

Solid Waste Management Unit	Recommended Action	Status of Corrective Action
<u>Baffle Board Pond</u>	Close pursuant to 1991 Closure Plan	Closed in 1995 as part of RWMA; closure approved by Executive Secretary in 1996; Regulated under Post Closure Permit
Wastewater Treatment System (API Separator)	Off-site disposal	WWTS upgrade completed; sludges and vault hauled off-site;
Wastewater Treatment System (IAF)	No further action as long as unit is operational	WWTS upgrade completed; permitted recycle of sludge to Coker
Wastewater Treatment System (Storm Water Segregation Sump)	Clean and backfill	WWTS upgrade completed; permitted recycle of sludge to Coker; clean and backfill in 1997
Wastewater Treatment System (No. 1 Pond)	Include in LWMA	WWTS upgrade completed; included in LWMA
Wastewater Treatment System (Bio-Discs)	Still active part of new WWTS	WWTS upgrade completed
Wastewater Treatment System (No. 2 Pond)	On-site intrinsic bioremediation	High TPH sludge included in LWMA; on-site intrinsic bioremediation; no further action approved by Executive Secretary in 2001
Wastewater Treatment System (No. 3 Pond)	On-site intrinsic bioremediation	On-site intrinsic bioremediation; no further action approved by Executive Secretary in 2001
<u>Wastewater Treatment System (No. 4 Pond)</u>	Include in LWMA	WWTS upgrade completed; to be included in LWMA; Regulated under Post Closure Permit
<u>Sand Filter Backwash Pond</u>	Include in LWMA	WWTS upgrade completed; to be included in LWMA; Regulated under Post Closure Permit
<u>Wastewater Treatment System (No. 5 Pond)</u>	Include in LWMA	WWTS upgrade completed; to be included in LWMA; Regulated under Post Closure Permit
HF Acid Neutralization Tank	No further action as long as unit is operational	Summarized in RFI Report
Spent Caustic Tanks	No further action as long as unit is operational	Summarized in RFI Report
Lime Settling Basin	No further action as long as unit is operational	Cleaned and backfilled October 1994; opened again in 1995
Coke Fines Dewatering Impoundment	No further action	Waste removed off-site in 1987
Hazardous Waste Interim Storage Pad	No further action as long as unit is operational	Summarized in RFI Report

ATTACHMENT 5 (Continued)

Solid Waste Management Unit	Recommended Action	Status of Corrective Action
Shale Oil Semi-Works Retention Pond	No further action	Wastes removed to spent shale pile and unit closed under corrective action in 1985
Shale Oil Semi-Works Spent Shale Pile	No further action	Closed under corrective action in 1985 with slurry wall (RFI Appendix K)
<u>No. 2 Outfall Channel</u>	Include in LWMA	Included in LWMA; Regulated under Post Closure Permit; Regulated under Post Closure Permit
Experimental Farm	No further action	Summarized in RFI Report
Bonneville Canal	Close to protect groundwater; petition for final corrective action in 1995	Closed in 1993 as interim corrective measures with wastes removed off-site (RFI Appendix C). Final Corrective Measures approved in 1997 Permit
<u>Baffle Board Pond Conveyance Ditch</u>	Include in LWMA	Included in LWMA; Regulated under Post Closure Permit
<u>Abandoned Lime Settling Basin</u>	Include in LWMA	Included in LWMA; Regulated under Post Closure Permit
Lime Settling Basin Dewatering Impoundment	No further action as long as unit is operational due to non-hazardous rating	Summarized in RFI Report
Fire Training Area	Currently no action; remains operational	Delay action while operational
Railcar Loading Area	No further action	Current design adequate for operational spills and leaks
Bio-Disc Sump	No further action; monitor downgradient monitor well S-1; petition for final corrective action in 1995	Affected area excavated and removed; HFM sump constructed at this unit (RFI Appendix C). No further action approved in Permit
North Tank Farm	No further action as long as unit is operational; petition for final corrective action in 1995	Unit under interim corrective measures with operating groundwater intercept system
<u>Groundwater</u>	Declare facility-wide groundwater as a separate SWMU	Accepted as separate SWMU; designated as Groundwater Waste Management Area (GWMA); Regulated under Post Closure Permit